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REPLACEMENT SHEET
 Title: DRUG SCREENING USING A PROLINE-RICH
 NUCLEAR RECEPTOR CO-REGULATORY...
 Inventors: Shiu-an CHEN et al.
 App. Serial No. 09/552,705
 Atty Dkt.: 2124-311
 Sheet 1 of 12

cDNA EXPRESSION VECTORS	GROWTH ON	
	SD/-Leu/-Trp	SD/-Leu/-Trp/-His+3-AT
Gal4DB +Gal4AD	+	-
Gal4DB-SF1+Gal4AD	+	-
Gal4DB-SF1+AD-PNRC	+	+
hLCDB + AD-PNRC	+	-
Gal4DB-ERR α 1 + Gal4 AD	+	-
Gal4DB-ERR α 1 + AD-PNRC	+	+
Gal4DB-ER HBD + Gal4 AD	+	-
Gal4DB-ER HBD + AD-PNRC (E2-)	+	-
Gal4DB-ER HBD + AD-PNRC (E2 $^{*+}$)	+	+
Gal4DB-GR HBD + Gal4AD	+	-
Gal4DB-GR HBD + AD-PNRC (C-)	+	-
Gal4DB-GR HBD + AD-PNRC (C $^{*+}$)	+	+
Gal4DB-PR HBD + Gal4AD	+	-
Gal4DB-PR HBD +AD-PNRC (P-)	+	-
Gal4DB-PR HBD + AD-PNRC (P $^{*+}$)	+	+
Gal4DB-AR HBD + Gal4AD	+	-
Gal4DB-AR HBD + AD-PNRC (T-)	+	-
Gal4DB-AR HBD + AD-PNRC (T $^{*+}$)	+	-
Gal4DB-TR HBD + Gal4AD	+	-
Gal4DB-TR HBD + AD-PNRC (T $_3$ -)	+	-
Gal4DB-TR HBD + AD-PNRC (T $_3$ $^{*+}$)	+	+
Gal4DB-RAR HBD +Gal4AD	+	-
Gal4DB-RAR HBD +AD-PNRC (RA-)	+	-
Gal4DB-RAR HBD +AD-PNRC (RA $^{*+}$)	+	+
Gal4DB-RXR HBD +Gal4AD	+	-
Gal4DB-RXR HBD +AD-PNRC (9c-RA-)	+	-
Gal4DB-RXR HBD +AD-PNRC (9c-RA $^{*+}$)	+	+

*E2-ESTRADIOL, 100 nM; C-DEOXYCORTICOSTERONE, 10 μ M; P-PROGESTERONE, 500 nM; T-DIHYDROTESTOSTERONE, 100 nM; T3-10 μ M; RA-ALL-TRANS-RETINOIC ACID, 10 μ M; 9C-RA-9-CIS-RETINOIC ACID, 10 μ M.

FIG. 1A

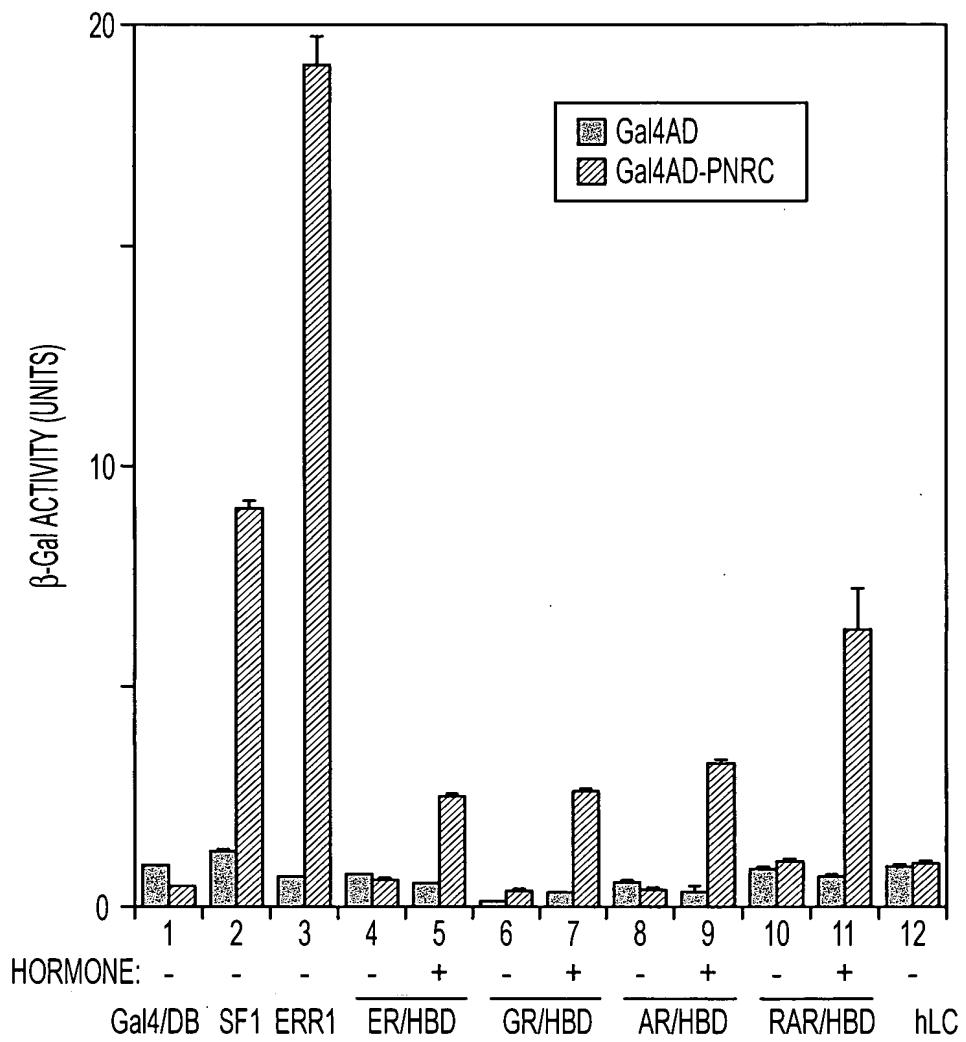


FIG. 1B

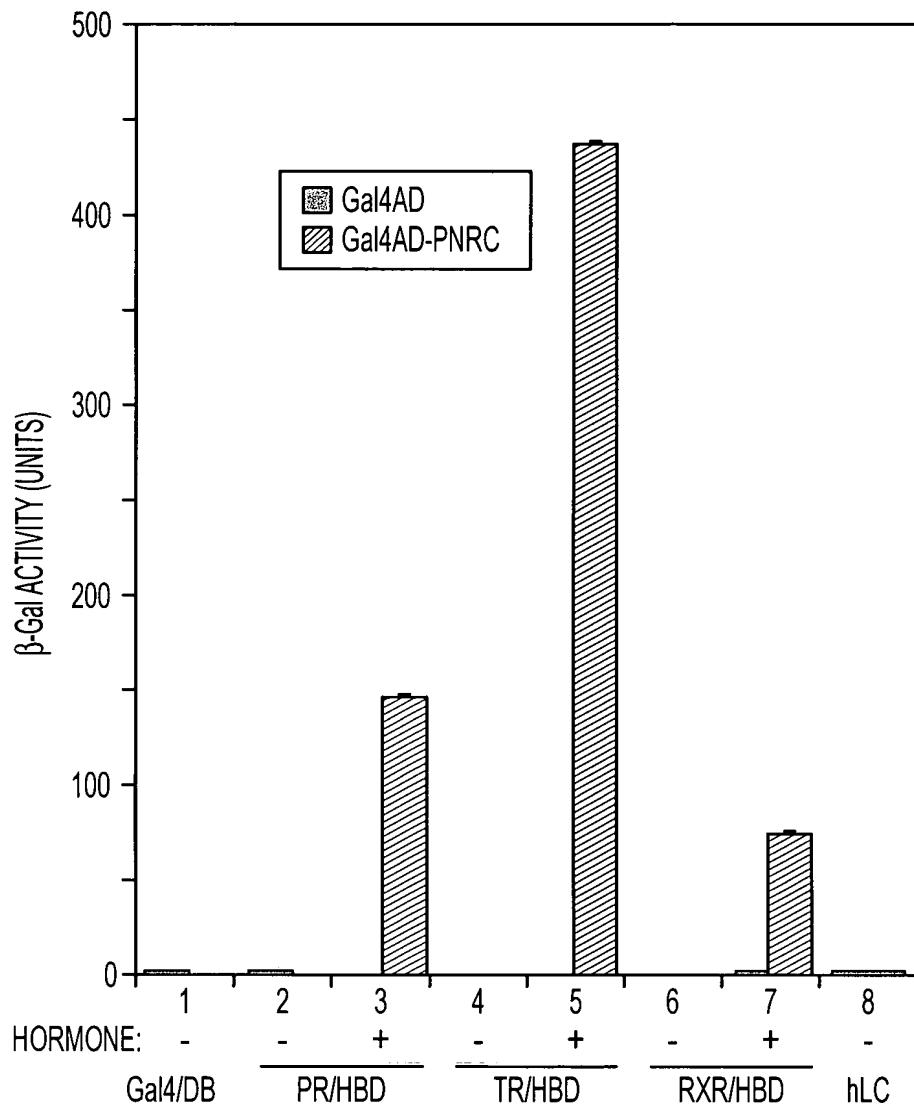


FIG. 1C

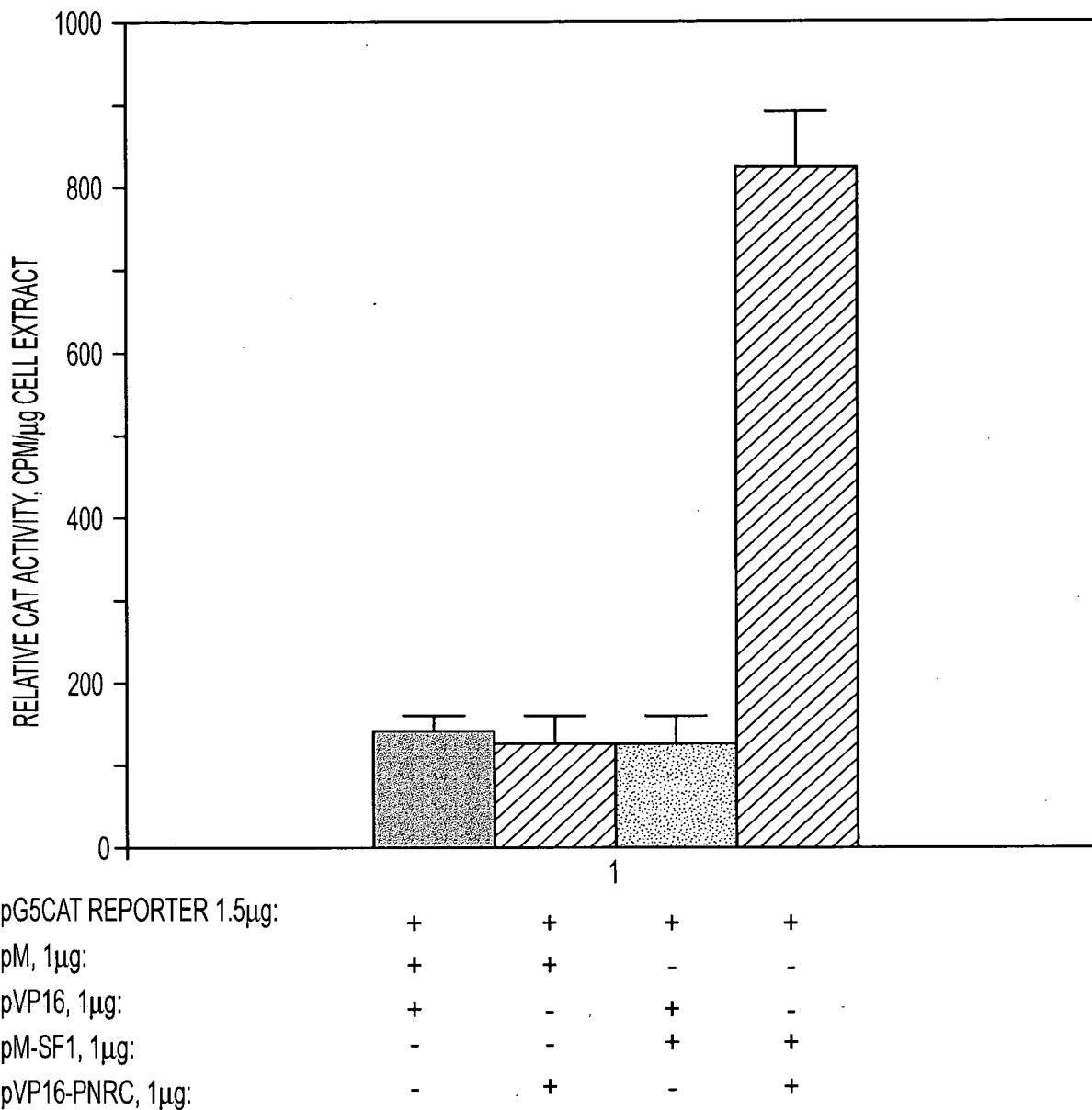
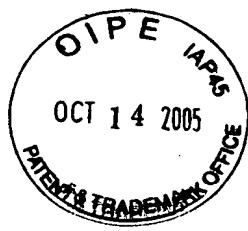


FIG. 2



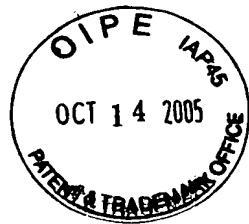
INPUT	GST	GST-PNRC	
		aa270- 327	aa278- 300

FIG. 3A

INPUT	GST	GST-PNRC	
		aa270- 327	aa278- 300



FIG. 3B



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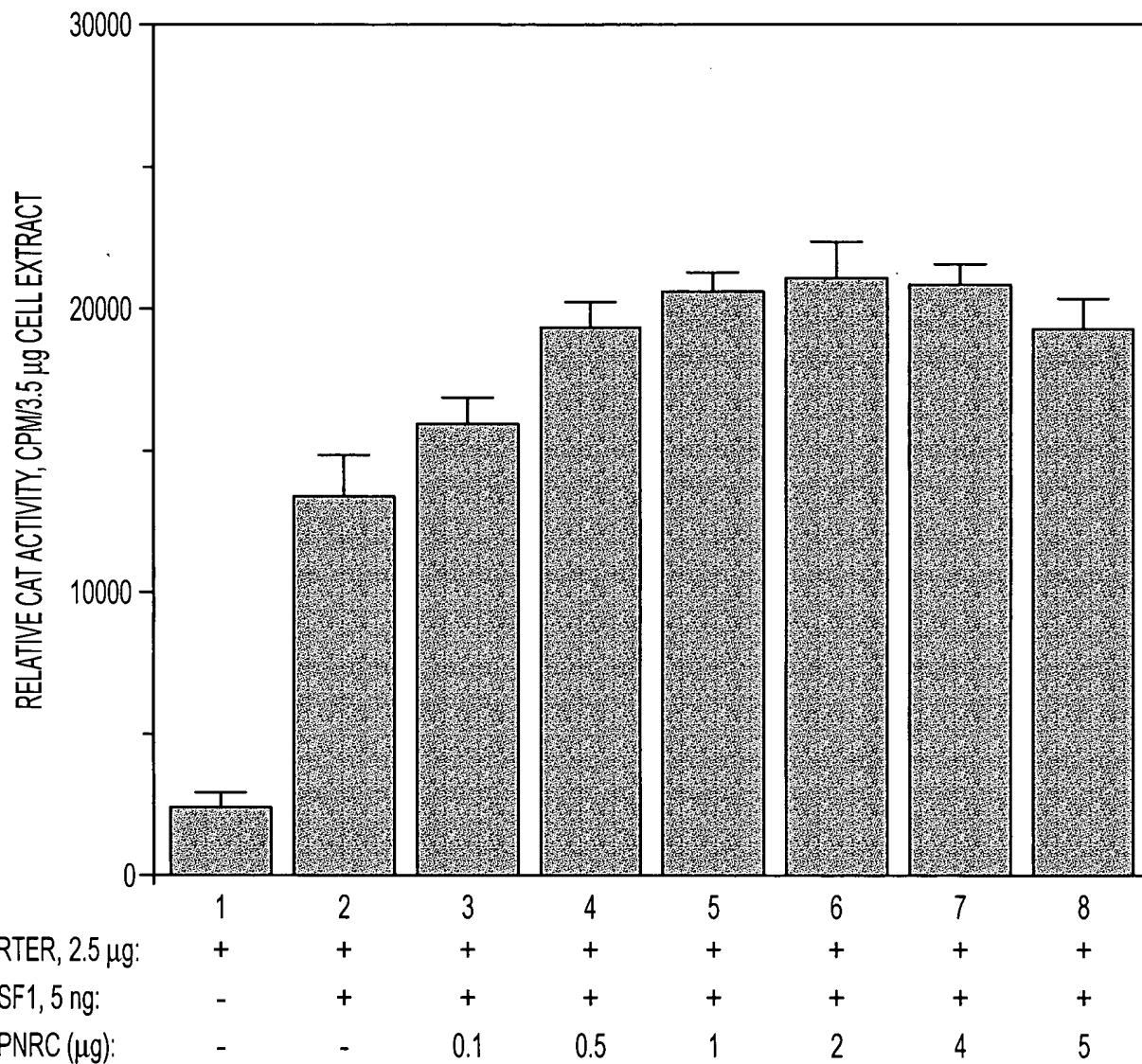


FIG. 4A

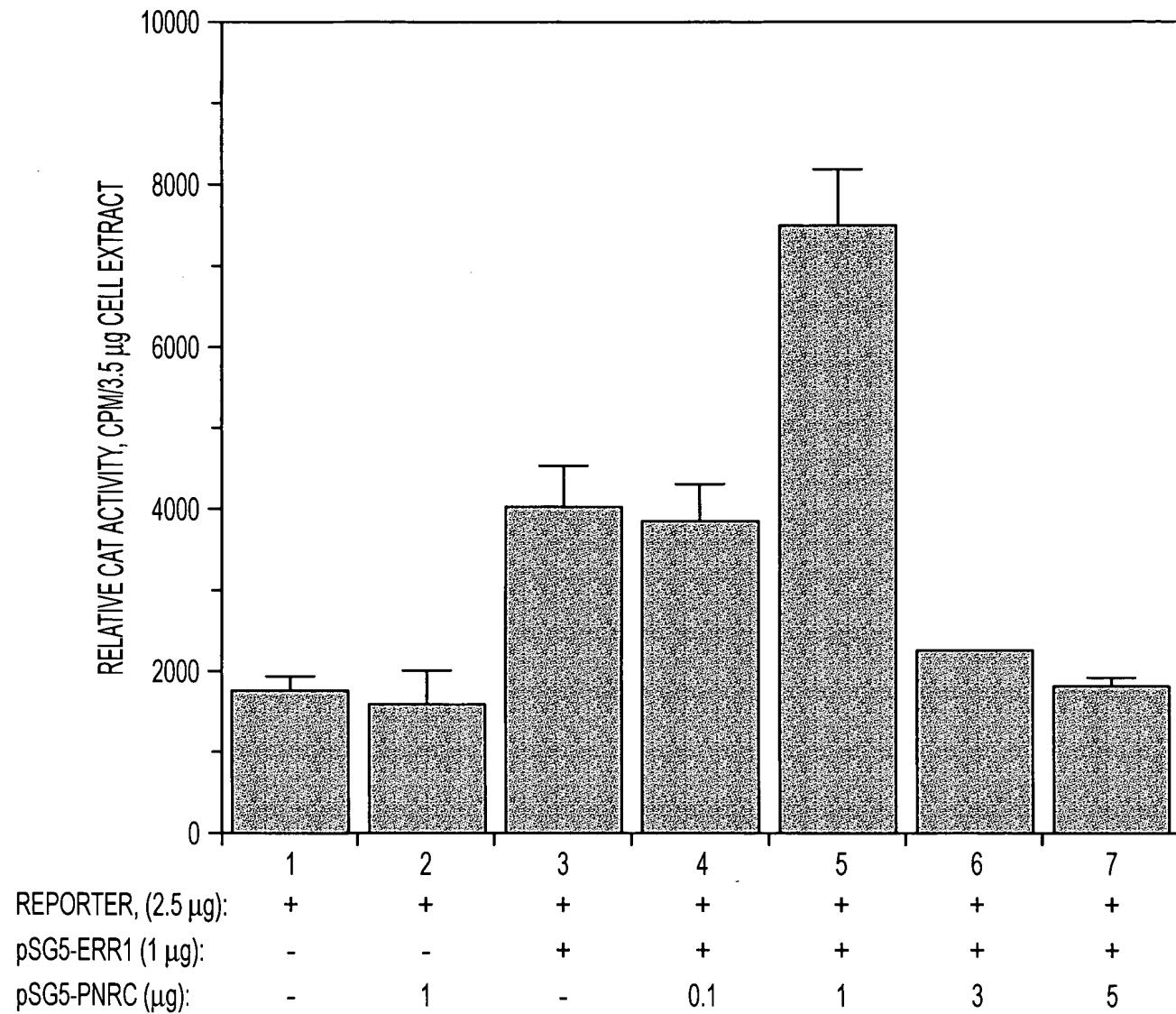


FIG. 4B

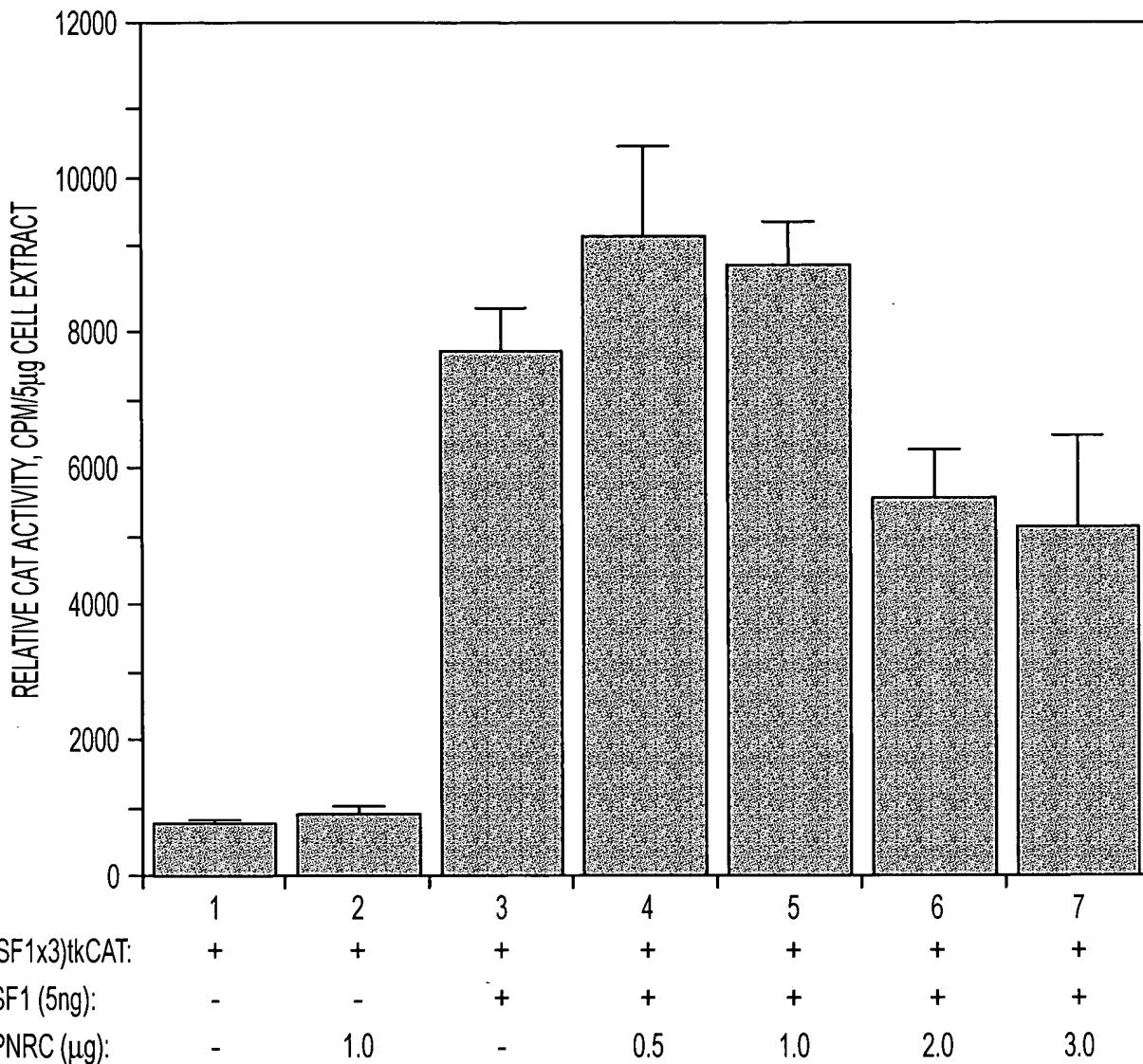
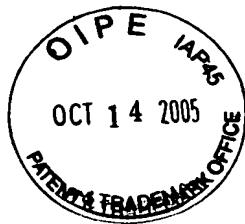


FIG. 4C

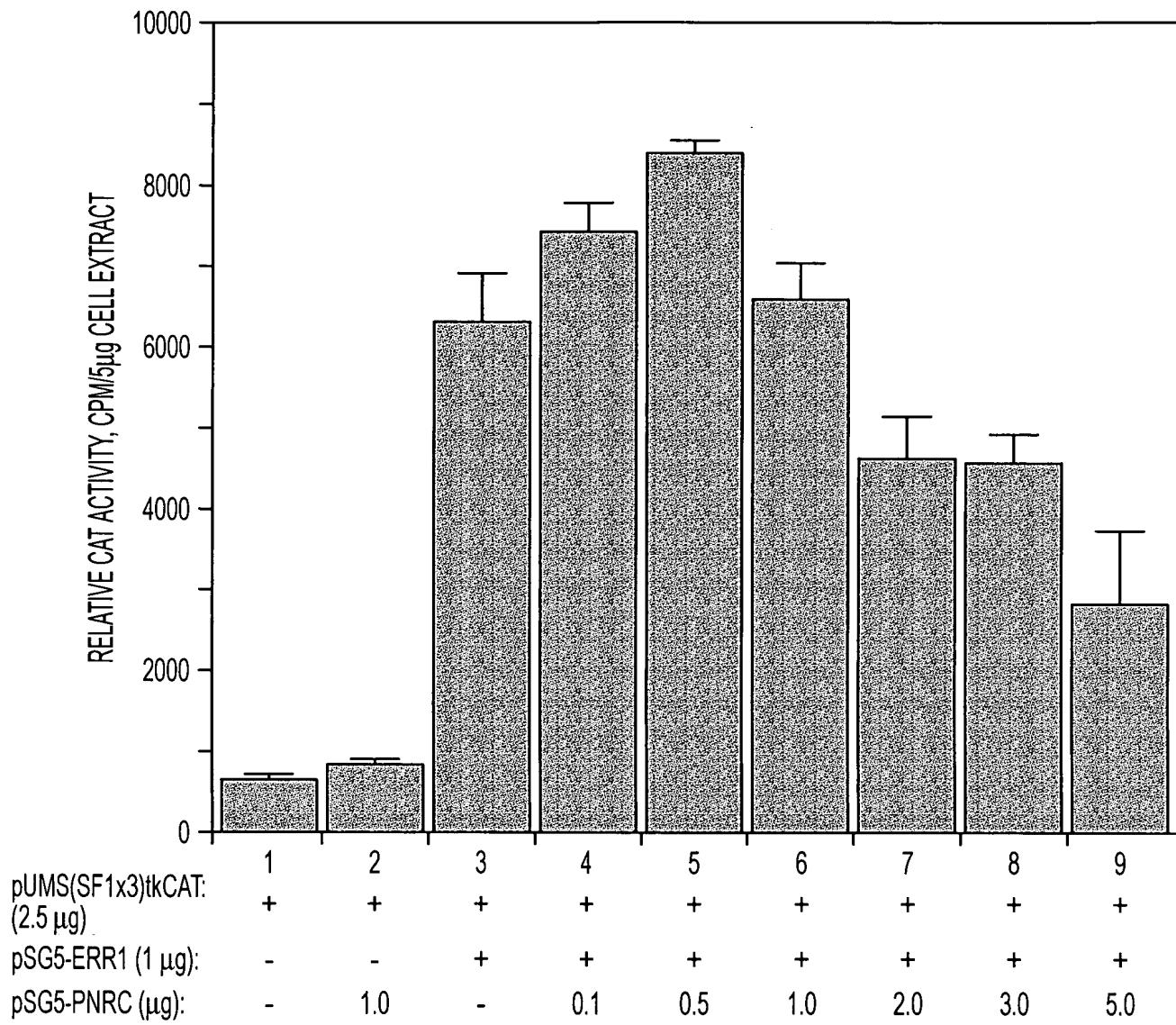


FIG. 4D

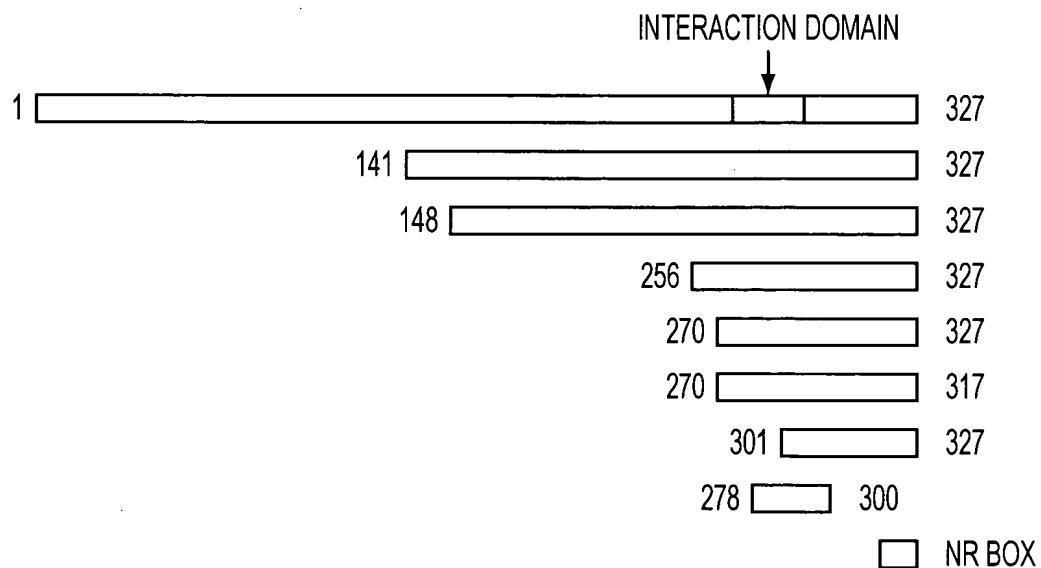


FIG. 5A

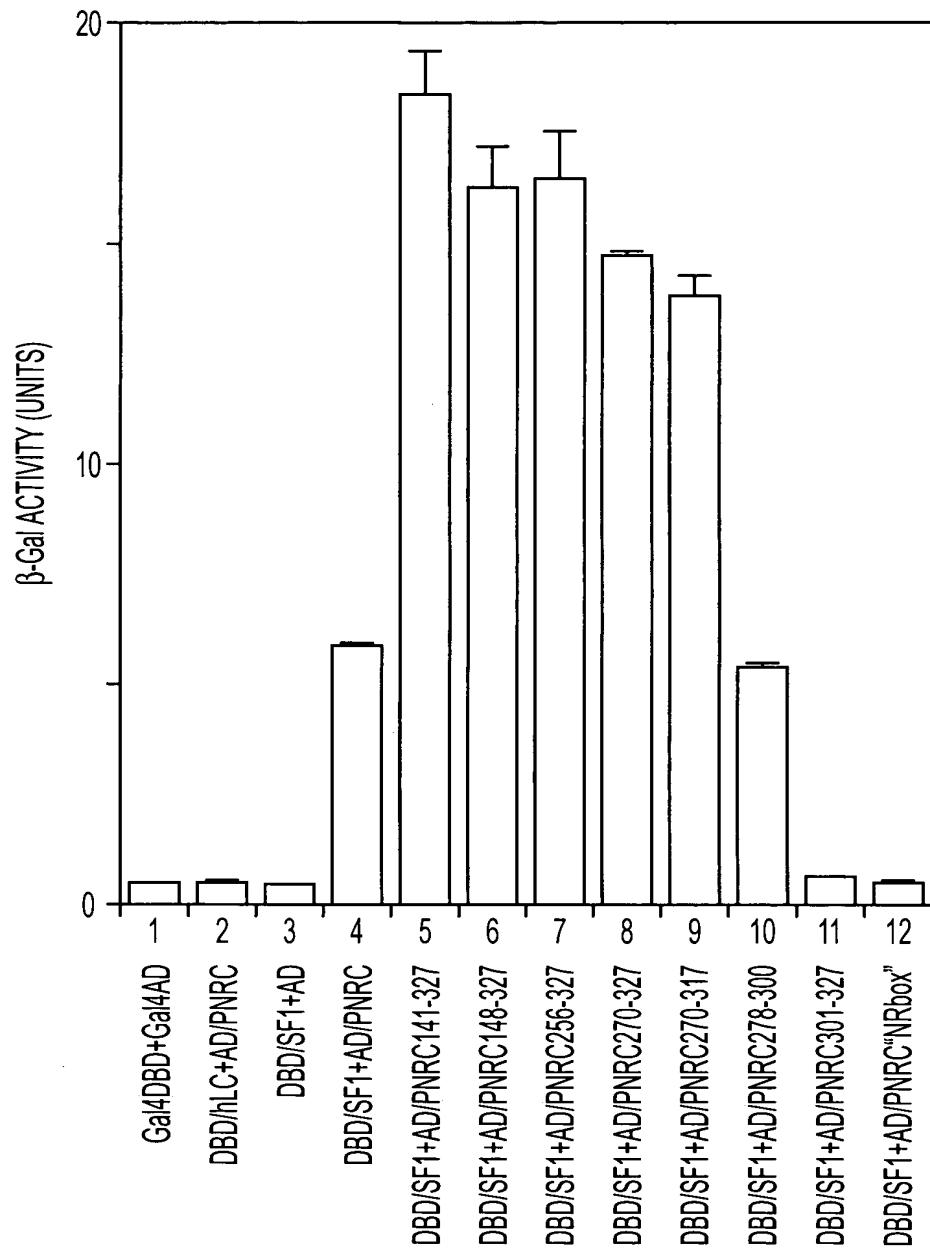


FIG. 5B

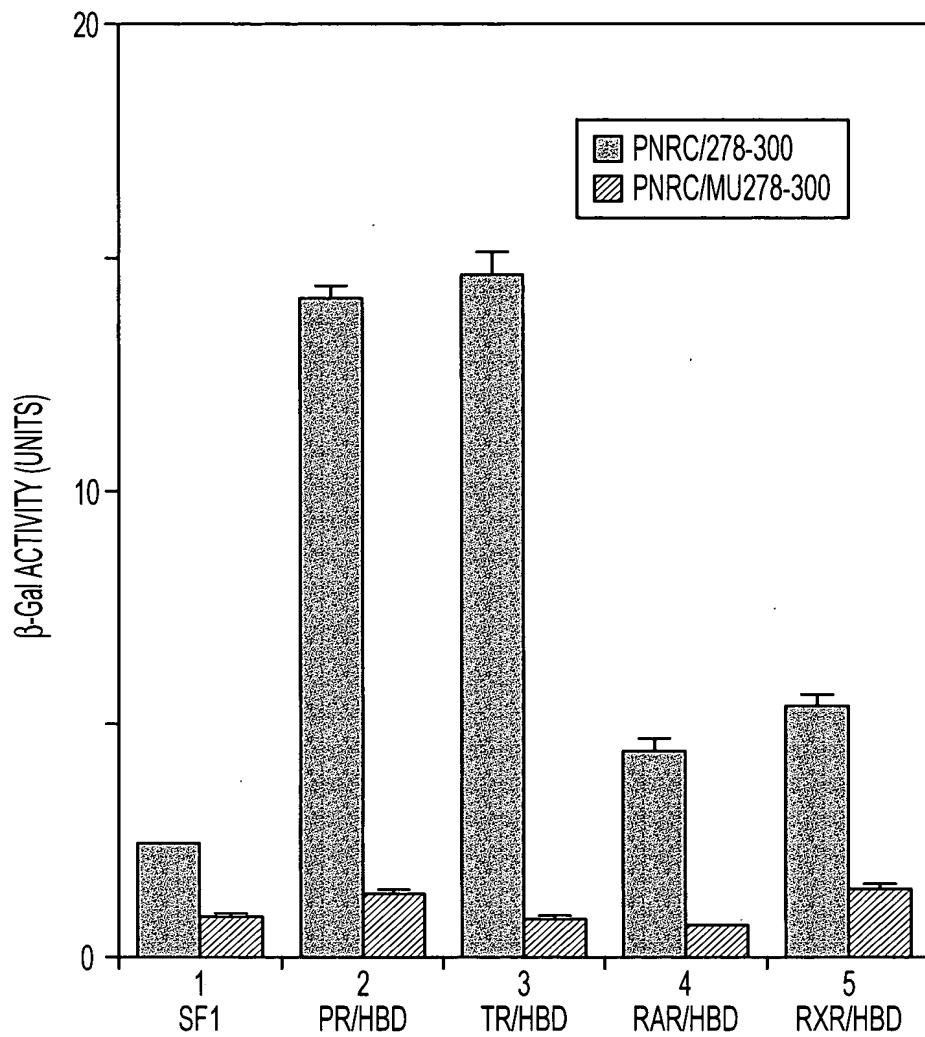


FIG. 6

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